

NAME: _____

You are the scientist!

First make a hypothesis:

Think about ice (a solid) and water (a liquid).

After heating, a solid may change to a _____.

After freezing, a liquid may change to a _____.

Then run the experiment using the interactive website:

Note your observations in the charts below.

Put in the Oven:

| | state before heating | state after heating |
|------------|----------------------|---------------------|
| ice | | |
| rock | | |
| ice cream | | |
| bone | | |
| wax candle | | |

Put in the Freezer:

| | state before freezing | state after freezing |
|--------------|-----------------------|----------------------|
| water | | |
| boot | | |
| orange juice | | |
| oatmeal | | |
| brick | | |

Look for a pattern in your findings. Was your hypothesis correct?